

Legend

Key Observation Point	Major Roads
Sun Valley to Morgan Proposed Action Right-of-Way	Wash or Stream
Alternative 2 South of SR 74	Canal
Alternative 3 Carefree Highway	Central Arizona Project Canal
Approved High-Voltage Substation	Surface Land Management
Existing 500kV Transmission Line	Bureau of Land Management
	State
	Private

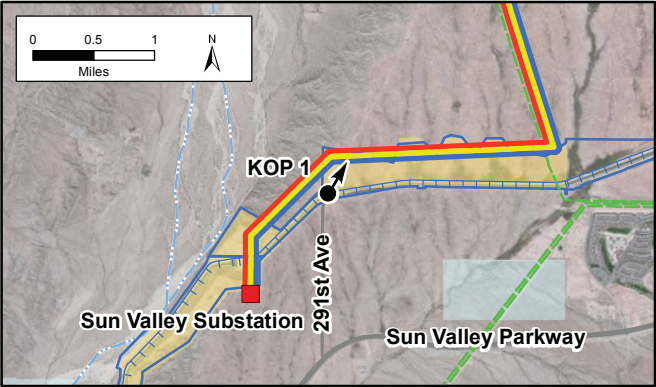
Photograph Information

Time of photograph:	2:37 PM
Date of photograph:	5-21-08
Weather condition:	Clear
Viewing direction:	North-Northeast
Latitude:	33°40'31.92"N
Longitude:	112°40'37.09"W
Camera:	Canon Rebel EOS XT
Lens:	50mm
Lighting condition:	Frontlit
Nearest tower in view:	NA

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.



Figure 4.14-1a
Existing Conditions
from Key Observation Point 1
Northeast of the Sun Valley Substation
looking north-northeast
Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

- Key Observation Point
- Sun Valley to Morgan Proposed Action Right-of-Way
- Alternative 2 South of SR 74
- Alternative 3 Carefree Highway
- Approved High-Voltage Substation
- Existing 500kV Transmission Line
- Major Roads
- Wash or Stream
- Canal
- Central Arizona Project Canal
- Surface Land Management**
 - Bureau of Land Management
 - State
 - Private

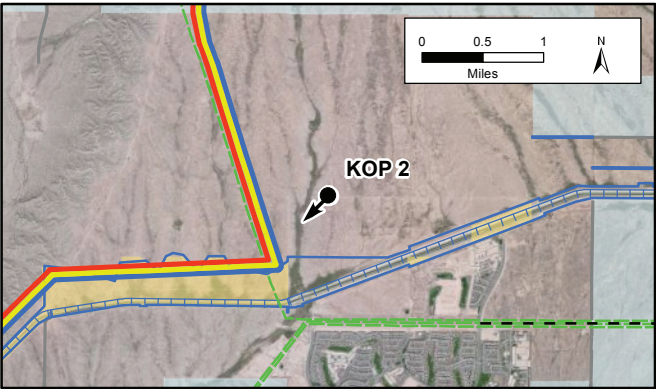
Photograph Information

Time of photograph: 2:37 PM
Date of photograph: 5-21-08
Weather condition: Clear
Viewing direction: North-Northeast
Latitude: 33°40'31.92"N
Longitude: 112°40'37.09"W
Camera: Canon Rebel EOS XT
Lens: 50mm
Lighting condition: Frontlit
Nearest tower in view: 0.21 Mile

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.



Figure 4.14-1b
Simulation Common to All Alternatives
from Key Observation Point 1
Northeast of the Sun Valley Substation
looking north-northeast
Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

- Key Observation Point
- Sun Valley to Morgan Proposed Action Right-of-Way
- Alternative 2 South of SR 74
- Alternative 3 Carefree Highway
- Existing 500kV Transmission Line
- Existing 69kV Transmission Line
- Major Roads
- Canal
- Central Arizona Project Canal
- Surface Land Management**
- Bureau of Land Management
- State
- Private

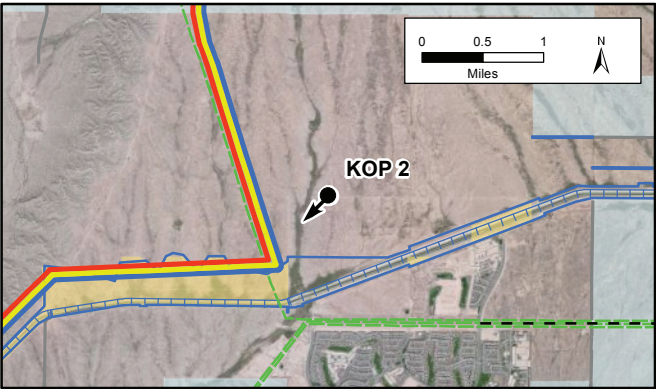
Photograph Information

Time of photograph: 2:38 PM
Date of photograph: 2-21-08
Weather condition: Clear
Viewing direction: Southwest
Latitude: 33°41'22.61"N
Longitude: 112°38'14.67"W
Camera: Canon Rebel EOS XT
Lens: 50mm
Lighting condition: Backlit
Nearest tower in view: NA

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.



Figure 4.14-2a
Existing Conditions
from Key Observation Point 2
Deer Valley Road east of 275th Avenue
vicinity looking southwest
Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

Key Observation Point

Sun Valley to Morgan
Proposed Action
Right-of-Way

Alternative 2
South of SR 74

Alternative 3
Carefree Highway

Existing 500kV
Transmission Line

Existing 69kV
Transmission Line

Major Roads

Canal

Central Arizona Project Canal

Surface Land Management

Bureau of Land Management

State

Private

Photograph Information

Time of photograph:

2:38 PM

Date of photograph:

2-21-08

Weather condition:

Clear

Viewing direction:

Southwest

Latitude:

33°41'22.61"N

Longitude:

112°38'14.67"W

Camera:

Canon Rebel EOS XT

Lens:

50mm

Lighting condition:

Backlit

Nearest tower in view:

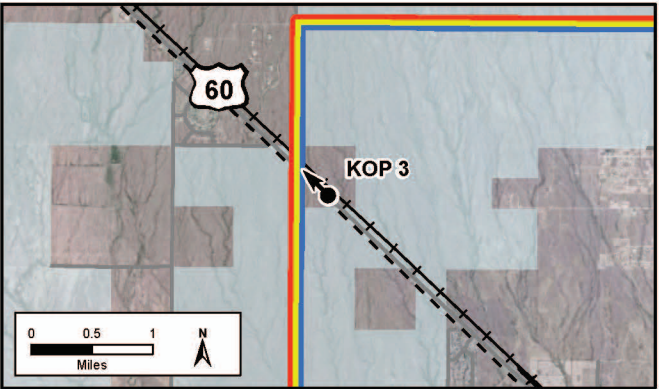
0.58 Mile

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.



Figure 4.14-2b
Simulation Common to All Alternatives
from Key Observation Point 2
Deer Valley Road east of 275th Avenue
vicinity looking southwest

Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

Key Observation Point	Major Roads
Sun Valley to Morgan Proposed Action Right-of-Way	Railroad
Alternative 2 South of SR 74	Surface Land Management
Alternative 3 Carefree Highway	State
Existing 69kV Transmission Line	Private

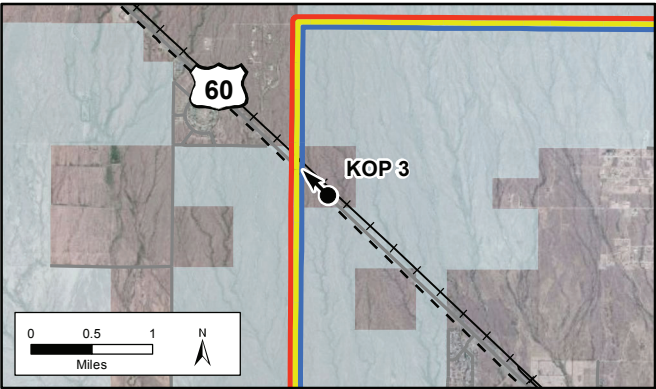
Photograph Information

Time of photograph:	12:55 PM
Date of photograph:	2-21-08
Weather condition:	Clear
Viewing direction:	West-Northwest
Latitude:	33°48'19.00"N
Longitude:	112°33'48.53"W
Camera:	Canon Rebel EOS XT
Lens:	50mm
Lighting condition:	Frontlit
Nearest tower in view:	NA

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.



Figure 4.14-3a
Existing Conditions
from Key Observation Point 3
Intersection with US 60
looking west-northwest
Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

Key Observation Point

Sun Valley to Morgan Proposed Action Right-of-Way

Alternative 2 South of SR 74

Alternative 3 Carefree Highway

Existing 69kV Transmission Line

Major Roads

Railroad

Surface Land Management

State

Private

Photograph Information

Time of photograph: 12:55 PM

Date of photograph: 2-21-08

Weather condition: Clear

Viewing direction: West-Northwest

Latitude: 33°48'19.00"N

Longitude: 112°33'48.53"W

Camera: Canon Rebel EOS XT

Lens: 50mm

Lighting condition: Frontlit

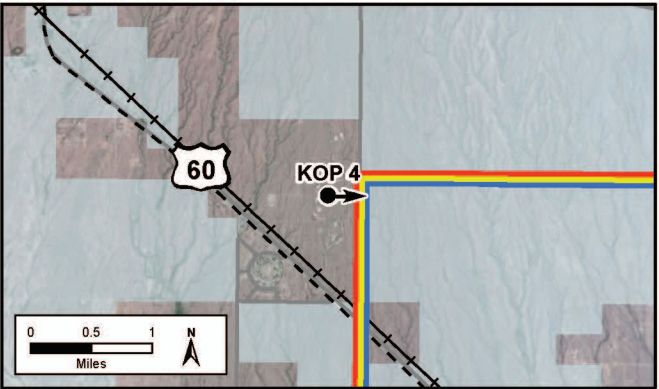
Nearest tower in view: 0.28 Mile

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.



Figure 4.14-3b
Simulation Common to All Alternatives
from Key Observation Point 3
Intersection with US 60
looking west-northwest

Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

Key Observation Point

Sun Valley to Morgan Proposed Action Right-of-Way

Alternative 2 South of SR 74

Alternative 3 Carefree Highway

Existing 69kV Transmission Line

Major Roads

Railroad

Surface Land Management

State

Private

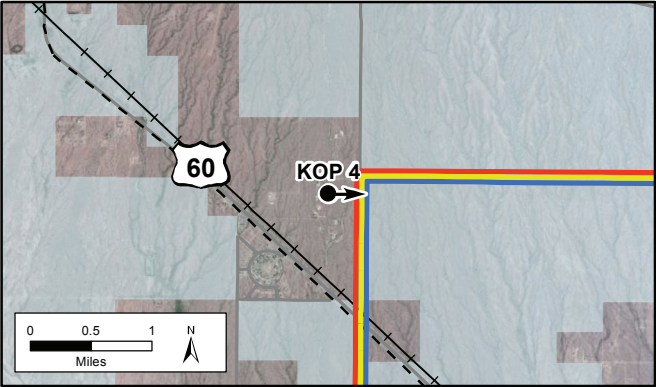
Photograph Information

Time of photograph: 12:17 PM
Date of photograph: 2-21-08
Weather condition: Clear
Viewing direction: East
Latitude: 33°49'25.90"N
Longitude: 112°34'22.01"W
Camera: Canon Rebel EOS XT
Lens: 50mm
Lighting condition: Sidelit
Nearest tower in view: NA

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.



Figure 4.14-4a
Existing Conditions
from Key Observation Point 4
Thunder Ridge Airpark vicinity looking east
Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

	Key Observation Point		Major Roads
	Sun Valley to Morgan Proposed Action Right-of-Way		Railroad
	Alternative 2 South of SR 74	Surface Land Management	
	Alternative 3 Carefree Highway		State
	Existing 69kV Transmission Line		Private

Photograph Information

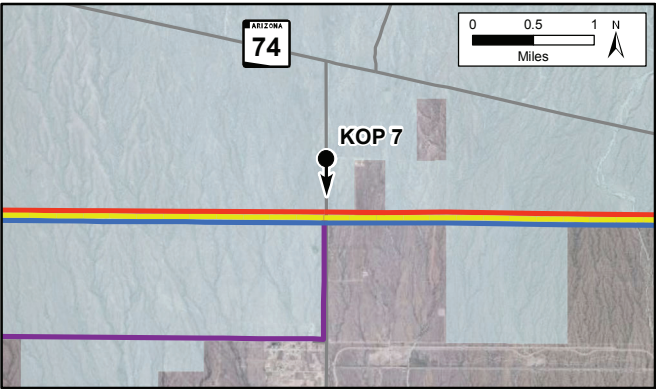
Time of photograph:	12:17 PM
Date of photograph:	2-21-08
Weather condition:	Clear
Viewing direction:	East
Latitude:	33°49'25.90"N
Longitude:	112°34'22.01"W
Camera:	Canon Rebel EOS XT
Lens:	50mm
Lighting condition:	Sidelit
Nearest tower in view:	0.28 Mile

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.





Figure 4.14-4b
Simulation Common to All Alternatives
from Key Observation Point 4
Thunder Ridge Airpark vicinity looking east


Sun Valley to Morgan 500/230kV
Transmission Line EIS Project





Legend


 Key Observation Point

 Sun Valley to Morgan Proposed Action Right-of-Way


 Alternative 2 South of SR 74


 Alternative 3 Carefree Highway

 Sub-alternative: State Trust Lands Route Variation

 Major Roads

Surface Land Management

 State

 Private

Photograph Information

Time of photograph: 1:57 PM

Date of photograph: 12-6-11

Weather condition: Clear

Viewing direction: South

Latitude: 33°49'58.75"N

Longitude: 112°30'58.44"W

Camera: Nikon D700

Lens: 50mm

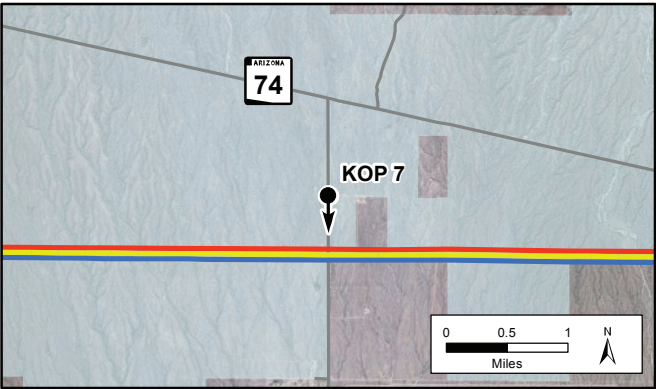
Lighting condition: Backlit

Nearest tower in view: NA

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.



Figure 4.14-5a
Existing Conditions
from Key Observation Point 7
211th Avenue south of SR 74 looking south
Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

Key Observation Point

Sun Valley to Morgan
Proposed Action
Right-of-Way

Alternative 2
South of SR 74

Alternative 3
Carefree Highway

Major Roads

Surface Land Management

State

Private

Photograph Information

Time of photograph: 1:57 PM

Date of photograph: 12-6-11

Weather condition: Clear

Viewing direction: South

Latitude: 33°49'58.75"N

Longitude: 112°30'58.44"W

Camera: Nikon D700

Lens: 50mm

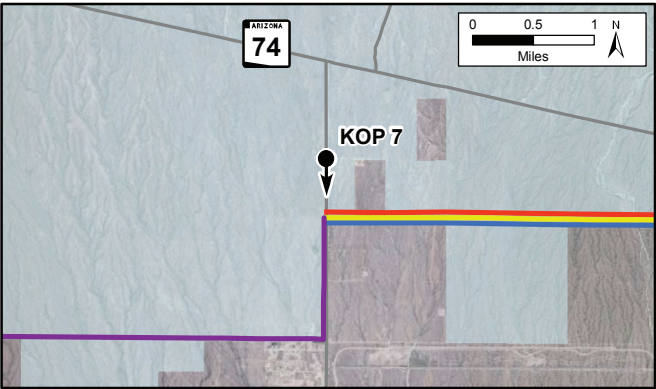
Lighting condition: Backlit

Nearest tower in view: 0.48 Mile

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.



Figure 4.14-5b
Simulation Common to All Alternatives
from Key Observation Point 7
211th Avenue south of SR 74 looking south
Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

Key Observation Point

Sun Valley to Morgan Proposed Action Right-of-Way

Alternative 2 South of SR 74

Alternative 3 Carefree Highway

Sub-alternative: State Trust Lands Route Variation

Major Roads

Surface Land Management

State

Private

Photograph Information

Time of photograph:

1:57 PM

Date of photograph:

12-6-11

Weather condition:

Clear

Viewing direction:

South

Latitude:

33°49'58.75"N

Longitude:

112°30'58.44"W

Camera:

Nikon D700

Lens:

50mm

Lighting condition:

Backlit

Nearest tower in view:

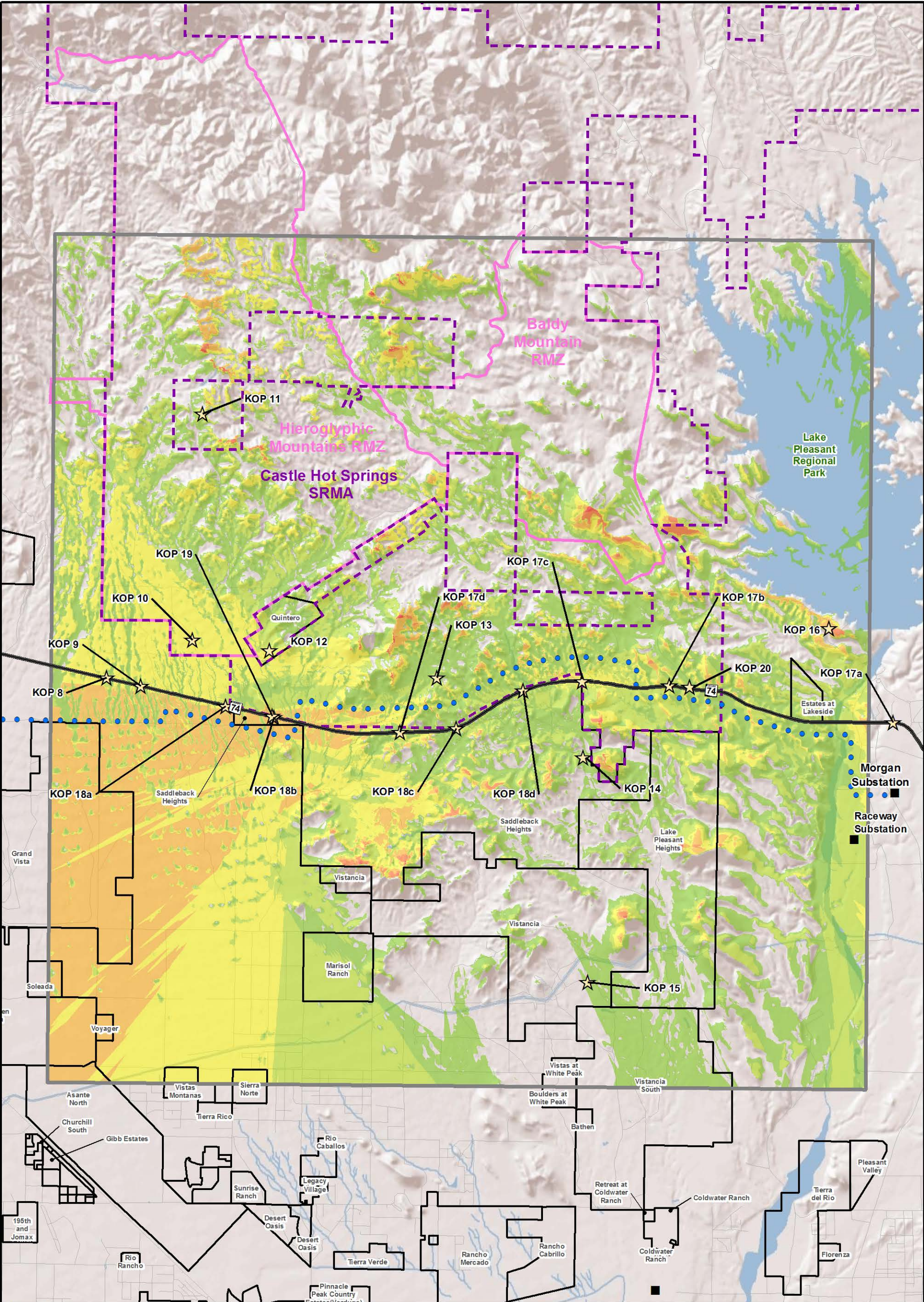
0.48 Mile

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.



Figure 4.14-5c
Simulation of Sub-Alternative
from Key Observation Point 7
211th Avenue south of SR 74 looking south

Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

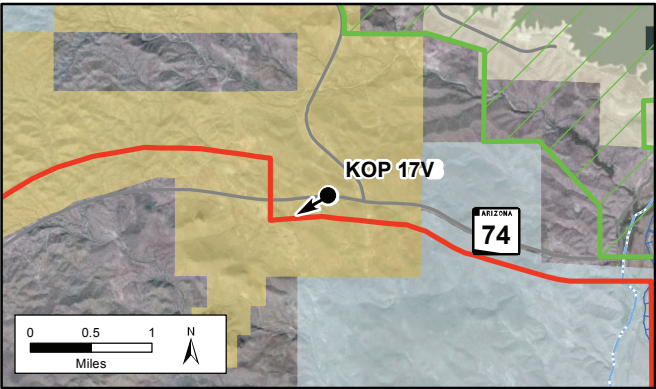
- ★ KOPs
- Sun Valley to Morgan Proposed Action Right-of-Way - Structure Locations
- Visual Resources Focus Area
- SRMA
- RMZ
- Existing High-Voltage Substation
- Existing and Future Development Areas

of Structures Visible

0
1 - 10
11 - 20
21 - 30
31 - 40
41 - 50
51 - 70

Base Map: ESRI Shaded Relief accessed at ArcGISOnline.com BLM 2011

Figure 4.14-6
Viewshed Analysis Proposed Action - Visual Resources Focus Area
Sun Valley to Morgan 500/230kV - Transmission Line EIS Project



Legend

	Key Observation Point		Major Roads
	Sun Valley to Morgan Proposed Action Right-of-Way		Wash or Stream
			Canal
			Regional Park
		Surface Land Management	
			Bureau of Land Management
			Bureau of Reclamation
			State
			Private

Photograph Information

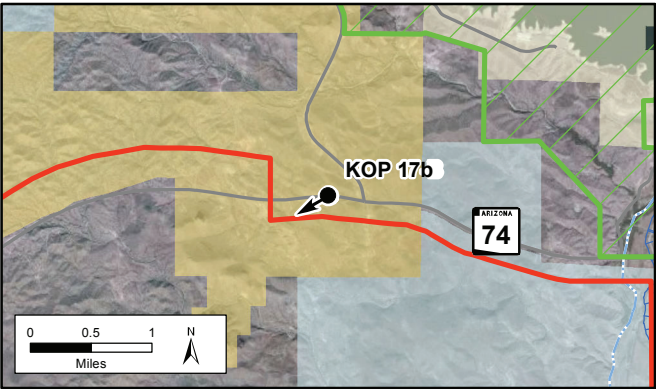
Time of photograph:	12:34 PM
Date of photograph:	12-6-11
Weather condition:	Clear
Viewing direction:	Southwest
Latitude:	33°50'6.57"N
Longitude:	112°19'14.52"W
Camera:	Nikon D700
Lens:	50mm
Lighting condition:	Sidelit
Nearest tower in view:	NA

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.





Figure 4.14-7a
Existing Conditions
from Key Observation Point 17b
SR 74 view of prominent butte looking
southwest


Sun Valley to Morgan 500/230kV
Transmission Line EIS Project





Legend


 Key Observation Point

 Major Roads


 Wash or Stream


 Canal


 Regional Park


 Sun Valley to Morgan Proposed Action Right-of-Way

Surface Land Management

 Bureau of Land Management

 Bureau of Reclamation

 State

 Private

Photograph Information

Time of photograph:	12:34 PM
Date of photograph:	12-6-11
Weather condition:	Clear
Viewing direction:	Southwest
Latitude:	33°50'6.57"N
Longitude:	112°19'14.52"W
Camera:	Nikon D700
Lens:	50mm
Lighting condition:	Sidelit
Nearest tower in view:	0.17 Mile

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.



Figure 4.14-7b
Simulation of Proposed Action
from Key Observation Point 17b
SR 74 view of prominent butte looking
southwest
View of easternmost crossing
Sun Valley to Morgan 500/230kV
Transmission Line EIS Project